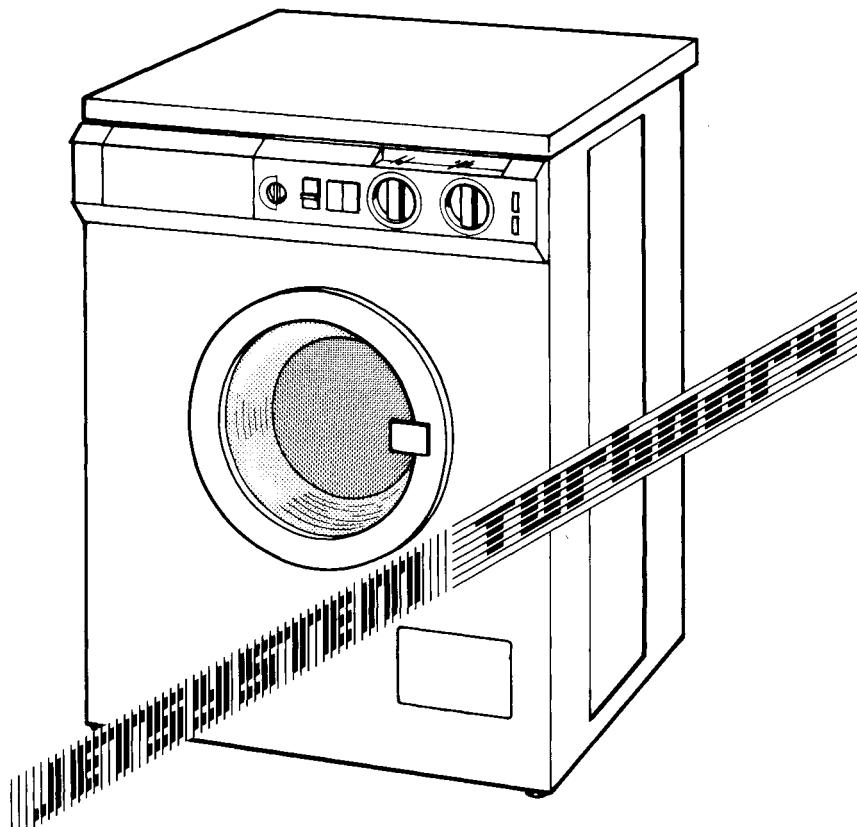


INSTRUCTIONS FOR THE USE AND CARE OF ZANUSSI WASHER DRYER



MODEL NO. WDJ 1013/A

ZANUSSI
The appliance of science

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can be acquainted with the functioning of the appliance and the relevant warnings.

Warnings - Washer/Dryers

THESE WARNINGS ARE PROVIDED IN THE INTEREST OF SAFETY. YOU MUST READ THEM CAREFULLY BEFORE INSTALLING OR USING THE APPLIANCE.

This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product.

It is dangerous to alter the specifications or attempt to modify this product in any way.

Any electrical work required to install this appliance should be carried out by a qualified or competent person.

Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.

This product should be serviced by an authorised Zanussi Network Service Centre. Only genuine Zanussi spare parts should be used.

Care must be taken to ensure that the appliance does not stand on the electrical supply cable.

Always unplug the appliance and turn off the water after use.

Do not overload the appliance. See relevant section in instruction book.

Always look through the glass door to check if water has drained before opening the door. If water is present do not open door before draining the water. If in doubt, refer to your instruction book.

This appliance is heavy. Care should be taken when moving it.

All packing and transit bolts must be removed before use. Serious damage can occur to the product and to property if this is not adhered to. See relevant section in instructions.

Leave the porthole door slightly ajar between washes to preserve the door seal.

The glass door becomes very hot during the washing and drying cycle. Keep children away from the vicinity of the appliance.

If it is necessary to open the door during the drying cycle, take care not to touch the inside of the glass porthole as this gets very hot.

Only wash fabrics which are designed to be machine washed. If in doubt, consult the manufacturer of that item.

Only tumble dry fabrics which are designed to be tumble dried. If in doubt, consult the manufacturer of that item.

Before washing, ensure that all pockets are empty and buttons and zips are fastened. Avoid washing frayed or torn articles and treat stains such as paint, ink, rust, and grass before washing. Underwired bras must not be machine washed or tumble dried.

Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into the appliance.

Garments which are saturated with petroleum products should not be machine washed. If volatile cleaning fluids are used, care should be taken to ensure that the fluid is removed from the garment before placing in the machine.

Never tumble dry items that have had contact with chemicals such as dry cleaning fluid. These are of a volatile nature and could cause an explosion. Only tumble dry items which have been washed in water or require airing.

Wash small items such as socks, laces, washable belts etc in a washing bag or pillow case as it is possible for such items to slip down between the tub and the inner drum.

Only use the advised quantities of fabric softener. Damage to the fabric can ensue if you over-fill. Refer to the manufacturers' recommendations of quantities.

Pets have been known to climb into washing machines. Please check your drum before use.

Before the drying cycle always remove reusable plastic detergent dispensers designed to be placed inside the drum with the clothes as the plastic used is not designed to withstand the heat of the drying cycle.

Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Contact your local Zanussi Network Service Centre if a fault occurs. Always insist on genuine Zanussi spare parts.

Contents

Page 7	Installation
Page 12	Getting to know your machine
Page 16-17	Energetic wash & dry programmes
Page 18-19	Gentle wash & dry programmes
Page 20	Using your machine
Page 23	Additional programmes
Page 25	Looking after your machine
Page 27	Helpful washing hints
Page 28	How to wash
Page 30	Servicing
Page 31	Zanussi guarantee conditions
Page 32	Zanussi 5 year cover

This new appliance is easy to use. To get the best out of it, you should read this booklet and carefully follow all instructions before using the appliance for the first time. The booklet provides not only instructions on installation, use and maintenance, but also gives some very useful hints.

Specifications

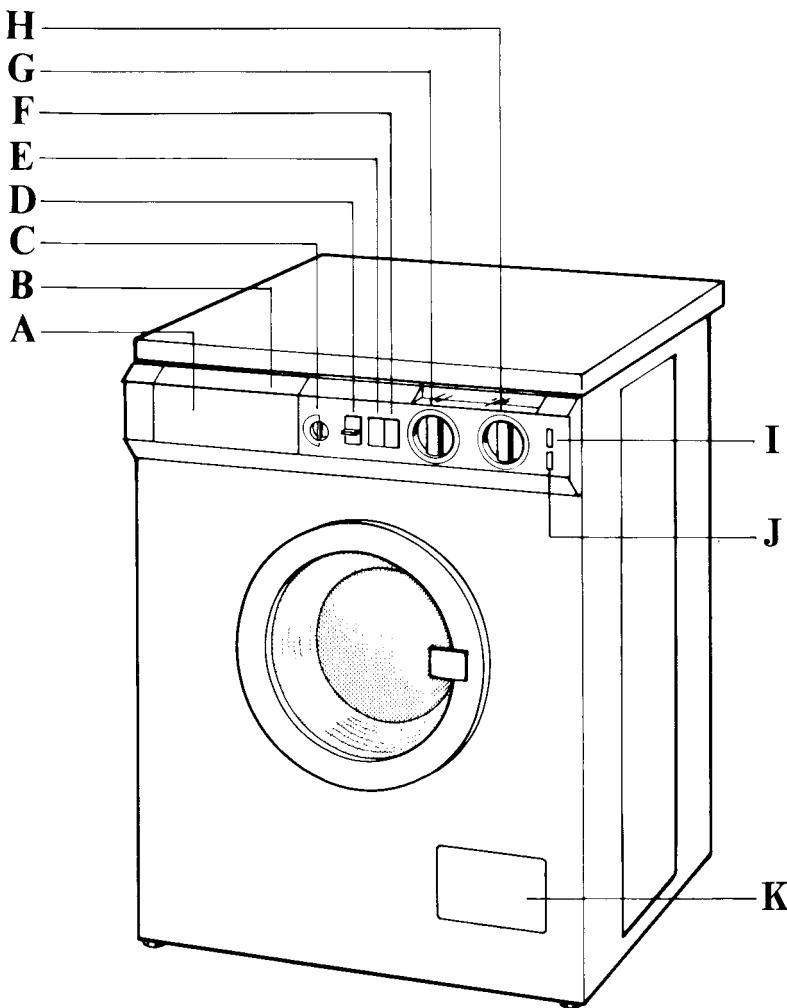
WDJ 1013/A

Dimensions

Height	850 mm (33.5ins.)
Width	600 mm (23.6ins)
Depth	600 mm (23.6ins)
Weight	180lb (82 Kg)
Capacity for wash	10lb (4.5 Kg)
Capacity for drying	5lb (2.25 Kg)
Revolutions per minute	450/1000 variable

Total power absorbed	2090 W
Heater rating (wash)	1800 W
Heater rating (drying)	1750 W
Motor rating — Wash and drying	200 W
— Spin	350 W
Voltage	220/240 V
Frequency	50 Hz

Water pressure psi	
Maximum	110 psi
Minimum	7 psi



Please note that the external appearance of your appliance may differ slightly from that shown in this instruction book.

- A**: Programme chart
- B**: Detergent dispenser
- C**: Drying time control
- D**: Spin speed selector
- E**: Auto-dry pushbutton
- F**: Quickwash pushbutton
- G**: Temperature control and on/off control
- H**: Programme selector dial
- I**: Pilot light «operation»
- J**: Pilot light «Drying»
- K**: Drain filter

Installation

Unpacking

Having removed the outer carton, reinforcing angles, and polythene wrapping, you must take out the internal packing which protected the appliance's «works» during transit.

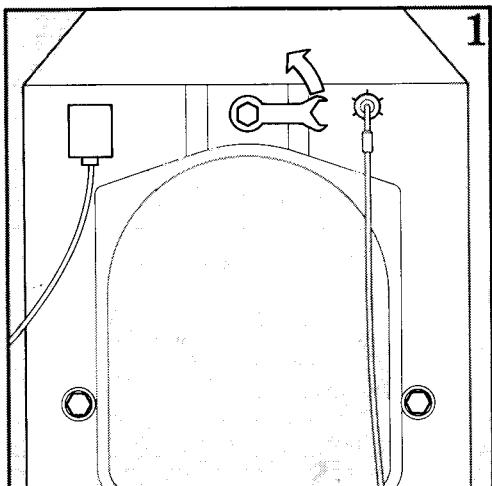
Using the plastic spanner provided, remove the three large bolts from the back of the machine to free the washing drum (figure 1).

Each bolt leaves behind a plastic spacer inside the machine, this should be worked loose by inserting a screwdriver into the bolt hole, and allowing the spacers to drop to the bottom of the machine.

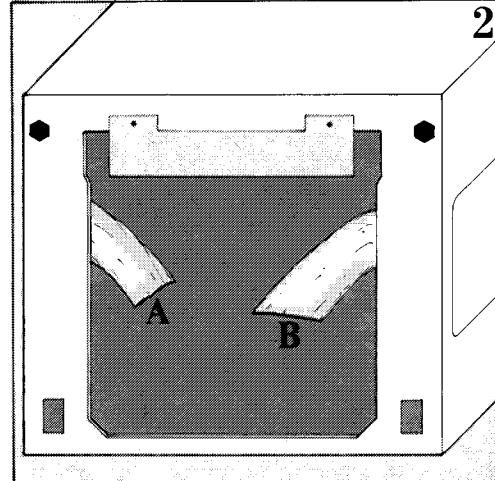
Lay the machine carefully on its back to reveal two pieces of polythene band in the base (figure 2). First pull band A then band B to withdraw the remaining internal packing, taking care not to catch and damage any of the appliance's internal components in this process.

Finally, lift the appliance off the polystyrene base packing and remove the plastic spacers you worked loose earlier.

These spacers, together with the three large bolts and other internal packing should be kept in a safe place so they can be used if the machine has to be transported again.



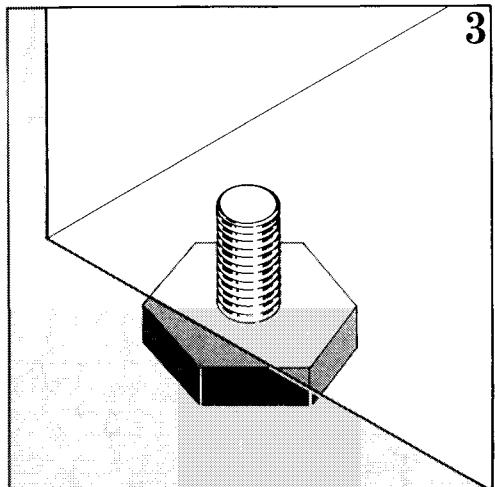
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2

Positioning and levelling

To keep vibration, noise and movement to a minimum, it is essential that the machine is absolutely level. Check this with the aid of a spirit level when the machine is in its permanent operating position. Any adjustments can be made by using the open end of the spanner supplied to raise or lower the two adjustable feet at the front of the machine — you merely screw them up or down. (figure 3).



Some vibration is inevitable, especially if mounted on a wooden floor.

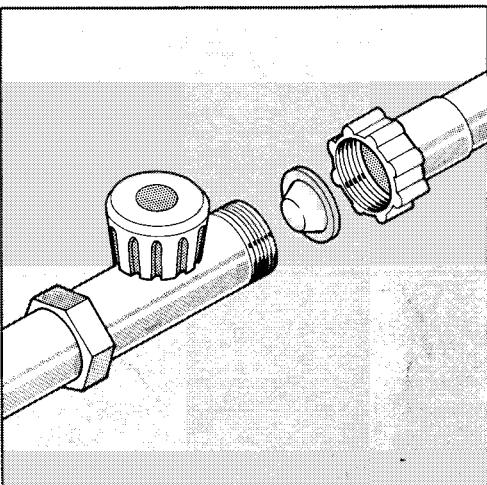
Please ensure that when the appliance is installed it is easily accessible for the engineer in the event of a breakdown.

Plumbing - cold water fill only

Your new Zanussi appliance has been designed to be permanently plumbed in to your home's water supply and drainage system. However, if this is not possible, it may be connected to suitable existing taps, with the drain hose discharging into a sink.

The appliance has a cold water inlet valve with a female 3/4" BSP thread connector. If this connection size is not compatible with your existing plumbing, a variety of connectors are available from good hardware stores and plumbers merchants to suit most domestic plumbing. Any alterations to your existing plumbing must be carried out by a competent person, or qualified plumber.

Before connecting the hoses be sure to fit the mesh filters supplied as per diagram.



The other end of the hose which is connected to the appliance can be turned in any direction by first loosening the ring nut.

Once the hose has been re-positioned, this must be re-tightened to prevent leakages.

Installation should comply with local water authority and building regulations' requirements.

The appliance must be given a separate cold water supply and not be connected to mixer taps, a single outlet water heater or a booster pump.

A minimum water pressure of 7 psi is required for the safe operation of the appliance. If you cannot make the cold water connection direct from the rising mains, you may be able to operate the appliance from your cold water storage system. There should be a minimum of 5.02 m (16,5 ft) between the appliance's inlet and the bottom of the tank.

If you are operating the appliance on the minimum pressure of 7 psi, it may fill slowly. This flow can be increased by removing the small restrictor contained within the inlet valve. In order to remove the restrictor, first turn the water off and unplug the appliance. Disconnect the water supply hose from the inlet valve, and pull out the mesh filter inside the valve. Remove the restrictor (which is a small round washer) with the aid of thin-nosed pliers.

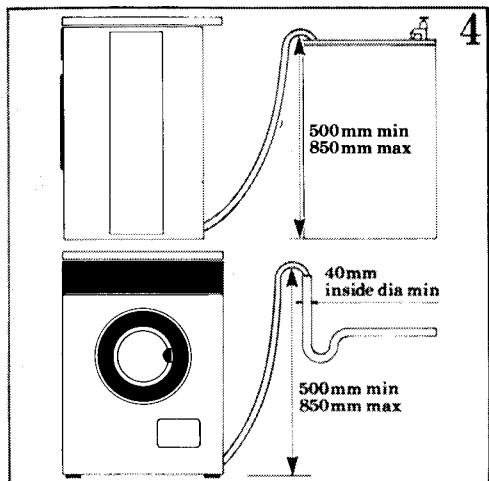
Replace mesh filter and re-fit hose.

Where the machine is permanently plumbed in, hook the end of the hose into a standpipe installed for the purpose. It should have an internal diameter of at least 38mm (1 >") thus leaving an air gap between hose and pipe, and should be designed in such a way that the water level within it never covers the end of the hose.

Important

Before connecting up the machine to new pipework or to pipework that has not been used for some time, run off a reasonable amount of water to flush out any debris that may have collected in the pipes.

Whether discharging into a sink or a standpipe check that the end of the drain hose is neither too high nor too low. The top of the curve in the hose's end should be no more than 85cm (34") and no less than 50cm (20") above floor level (figure 4).



Finally, make sure that with the machine in position, the drain hose is not obstructed, blocked or bent so sharply that water cannot flow freely.

The electrical connections

WARNING: THIS APPLIANCE MUST BE EARTHED.

The Manufacturer declines any liability should this safety measure not be observed.

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off and the appropriate plug fitted.

The cut off plug should be disposed of to prevent the hazard of electric shocks in case it should be plugged into a 13 Amp socket in another part of your home.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

GREEN AND YELLOW - EARTH
BLUE - NEUTRAL
BROWN - LIVE

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug, this is what you have to do:

Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth « $\frac{1}{-}$ » symbol or coloured green, or green and yellow.

Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.

Connect the brown (live) wire to the terminal which is marked with the letter «L» or coloured red.

The plug moulded on to the cord incorporates a fuse. For replacement, use a 13 Amp BS 1362 fuse. Only ASTA approved fuses should be used. The fuse cover/carrier must be replaced in the event of changing fuse.

The right fuse cover/carrier colour is the one shown by the coloured insert at the base of the plug.

The plug must not be used if the fuse cover/carrier is lost. A replacement cover/carrier must be obtained from Zanussi Service Agents whose addresses are listed on the attached «Zanussi Service Agents Nationwide».

This appliance complies with E.E.C. directive no. 82/499 of 7.6.82 relative to radio interference suppression.

Getting to know your machine

The controls and how to use them

- A** Programme chart
- B** Detergent dispenser
- C** Drying time control
- D** Spin speed selector
- E** Auto-dry button
- F** Quickwash pushbutton
- G** Temperature control and on/off control
- H** Programme selector dial
- I** Pilot light «operation»
- J** Pilot light «Drying»
- K** Drain filter

A Programme chart

This chart will help you to select the correct wash programme. The letter and wash programme numbers correspond to those used in the detailed charts from page 16 to 19.

B Detergent dispenser

The dispenser has three compartments - two for detergent (**a** and **b**) and one for fabric conditioner (**c**). (figure 6 page 21).

The fabric conditioner compartment is fitted with a removable filter. To open the dispenser, pull the handle which is at the lower half, gently.

C Drying time control

This selector allows you to choose the desired drying time according to the type and quantity of the load to be dried. It can also be adjusted whilst the machine is in operation to either increase or reduce the drying time. The control incorporates two drying cycles, one of up to 120 minutes at

a high heat for natural fabrics, and one of up to 80 minutes at a low heat for synthetic fabrics.

Never attempt to turn the selector in an anticlockwise direction.

D Spin speed selector

Enables you to select the spin speed you require according to the type of laundry you are washing.

On energetic cycles the spin speeds vary from 500 to 1000 rpm.

On delicate programmes, to protect the fabrics from damage caused by over-spinning, the spin speeds vary from 450 to 850 rpm.

A high spin speed is particularly recommended for laundry to be dried in a tumble dryer, after the wash programme is complete. The lower spin speeds are recommended for delicate laundry, made from natural or synthetic fabric.

E Auto-dry button

By depressing this pushbutton when washing only a half load or less, it is possible to programme the machine to run automatically from the wash programme to the drying programme without pausing.

To do this, first select the required wash programme. Depress the Auto Dry Button and then select the required drying time. Finally, select the temperature suitable for the wash. After completing the washing cycle, the machine will automatically begin the drying cycle.

F Quickwash pushbutton

Press this button when using programme **B** for cotton or **L** for synthetics to reduce the wash times. Ideal for washing lightly soiled items quickly.

G Temperature and on/off control

In addition to starting and stopping the machine, this control is used to select the wash temperature according to the programme which has been selected. The programme charts show the most appropriate temperature for each type of wash.

In the "0" position the machine is off; in the "1" position the machine is on.

Adjustable temperatures also makes it possible for both cotton and synthetic washes to be washed at lower temperatures than suggested or to be washed in cold water. For the latter, the thermostat control should be set at "1".

Remember to press the dial in before turning it, and to switch the machine off, turn the dial in an anticlockwise direction.

H Programme selector dial

The selector dial is marked with letters corresponding to those on the programme chart. To set the machine to the correct programme (see charts from page 16 to 19) push the dial in and turn it clockwise until the letter you want coincides exactly with the red pointer at the top of the dial. Never attempt to turn the control dial in an anticlockwise direction.

I Pilot light «operation»

The pilot light comes on when the machine is set to start.

K Drain filter

This is situated behind the small flap cover at the base of the cabinet. It must be cleaned from time to time. (See page 26).

J Pilot light «drying»

The pilot light comes on when the machine is performing a drying programme.

The wash programmes

The Energetic wash cycles (A and B) for robust fabrics are completely automatic, taking the clothes through washing, rinsing, spinning and draining.

The Gentle wash cycles (H - L) are for minimum iron, drip dray and delicate fabrics. The machine stops after the last rinse before the water draining and spinning. The clothes are left suspended in water to prevent them becoming creased by remaining in the bottom of the wash tub in a damp state after spinning. To complete the cycle, turn the Programme Selector Dial to N for water draining followed by a short spin or P for drain only if you are washing drip dry articles.

When using a Jetsystem programme the water intake for the wash is totally variable. The machine regulates the amount of water it uses according to the wash load. For example the machine will use more water for a full load of absorbent fabric than a small load of absorbent fabric.

Drying

The dryer part of this Washer/Dryer is a Turbo Condenser Dryer.

If you wish to machine dry your laundry at the end of a wash cycle, leave the tap open and the drain hose hooked over the sink or the stand pipe. During the drying cycle the machine uses a small amount of water.

In this appliance, the clothes are dried by means of a continuous flow of hot air produced by a turbine which, as it passes through the drum, gradually carries away the moisture in the freshly-washed load.

This moisture is then condensed within the machine when it comes into contact with the cold water. The condensed water is then drained away, together with the cooling water, through the drain hose. There is therefore no need to provide special ventilation of the room in which the machine is installed.

To carry out a drying cycle:

1. Remove all spun laundry from the machine.
2. Sort the laundry to be dried from the load.
3. **Important:** Load only up to a maximum of 2.25 kg (5lb) of spun laundry into the drum. Put it in loosely; the load must be able to move freely inside the drum. When drying synthetic clothes, load only up to a maximum of 1kg (2.2lb).

4. Close the loading door.

5. Set the drying time control as required, using the 0-80 minute «low» sector when drying synthetic items and the 0-120 minute «high» sector when drying cotton fabrics.

6. Turn the programme control to F when drying cotton fabrics and Q when drying synthetic items. **Lastly**, turn the Temperature and On/Off Control to the "I" position. The pilot light will come on and the drying cycle will start.

The drying temperature is constantly controlled by a thermostat in order to avoid an excessive increase in temperature.

The duration of the preset drying time may be shortened or extended during the drying cycle. This should not be done however, within the 20 - 0 minute period because during this time both the machine and the laundry must be allowed to cool off.

If for any reason the power fails during the drying cycle, it is advisable to remove the clothes as soon as possible. This is because whilst the drum is standing still there could be a heat build-up which could damage the more delicate fabrics being dried.

If you have to interrupt the drying cycle, switch the Temperature and On/Off Control to the "0" (off) position. Wait for 1-2 minutes before trying to open the door when the Door Safety Interlock will be released.

Note:

Do not interrupt the drying operation when the programme has started running. A temporary power failure or lack of water may erase the ongoing drying programme. When this occurs turn off the machine, set up again the programme and then turn on again the machine.

Auto Dry

It is possible to programme the machine to run automatically from the wash programme through to the drying programme without pausing. In this case, the wash load must be reduced to a maximum of 2.25 kg (5 lb) for cottons and a maximum of 1.5 kg (2.2 lb) for synthetics. This is possible on all programmes except the Wool, Silk and Delicates programmes.

Leave the tap open and the drain hose hooked over the edge of the sink or in the waste pipe.

Proceed as follows:

1: Load the machine

2: Select the Wash Programme

3: Depress the Auto Dry Button

4: Select the Drying Time required, using the 0-80 minute «low» sector for synthetics and the 0-120 minute «high» sector for cottons.

After spinning, the machine will automatically begin the drying cycle.

Select the wash temperature required, and the machine will automatically start.

Fabric Drying Times

The drying times of all fabrics will depend on the extent to which they have been spun as well as the fabric characteristics. The higher the spin speed the shorter the drying time.

To alleviate creasing, all clothes should be removed from the drum as quickly as possible after completion of a drying cycle.

Important

Only laundry washed in water should be dried in this machine. In particular, the following fabrics should not be loaded into the dryer:

Clothes which were dry-cleaned or cleaned with chemical solvents;

Woollens or mixed woollens which will shrink with heat;

Extremely delicate fabrics such as silk and synthetic curtains;

Sponge, rubber and similar items;

Fibre glass items.

Fabrics tending to fray as, for example, carding wool, cotton-wool or excessively frayed carpets.

Energetic wash cycles

For cotton, linen and viscose (rayon) fabrics.

Recommended washload: 4.5 Kg (10 lb) maximum.

Wash programme	Position of programme selector and thermostat	Dispenser compartment	Wash cycle description
Pre-wash	G 30-40 °C	a	Cottons and linens, prewash in water at 30-40 °C (normal level) followed by soaking phase — laundry is left soaking in water. To drain the water turn programme control to N (drain with gentle spin) or P (drain only).
Whites [95]	A 95 °C	b c	White cottons and linens without special finishes. Jetsystem wash at 95 °C. 3 cold water rinses, spinning.
Fast coloureds [60]	A 60 °C	b c	Cottons, linens and viscose. Jetsystem wash at 60 °C. 3 cold water rinses, spinning.
Non-fast coloureds [40]	A 40 °C	b c	Cottons, linens and viscose. Jetsystem wash at 40 °C. 3 cold water rinses, spinning.
Quickwash Press button ↴	B 30-60 °C	b c	Short Jetsystem wash at 30-60 °C. 3 cold water rinses, spinning.

Wash programme	Position of programme selector and thermostat	Dispenser compartment	Wash cycle description
Rinses - Special treatments	C	C	3 cold water rinses (high level), with intake of water mixed with liquid additive such as fabric conditioner. Spinning.
Spin only	D		Spinning for 6 minutes with simultaneous water draining. This is preceded by slow rotations of the drum and followed by a final «shakedown» of the wash.

The washing and rinsing parts of these programmes feature short progressive spinning that gently «wrings» the laundry.

Energetic drying programmes (0-120 «high»)

Fabric type / Spin speed	Programme	Quantity	Drying time	
			Iron dry	Cupboard-dry
Cotton and linen (1000 rpm)	F	2.25 Kg (5 lb)	60-70 mins	80-90 mins
		2.00 Kg (4 lb)	55-65 mins	70-80 mins
		1.50 Kg (3 lb)	40-50 mins	60-70 mins
		1.00 Kg (2 lb)	30-40 mins	45-55 mins

The drying times indicated in this table are for drying cotton towels. By varying the composition of the load, the drying times indicated will vary.

Gentle wash cycles

For delicates, synthetics including acrylics, acetates, triacetates, machine washable woollens and wool mixes.

Recommended washload: 1.5-2 Kg (3-4lb) maximum; wool 1 Kg (2lb) maximum.

Wash programme	Position of programme selector and thermostat	Dispenser compartment	Wash cycle description
Whites	K 60°C	b c	White nylon & polyester cotton mixes. Jetsystem wash at 60°C. 2 cold rinses.
Minimum iron 	K 50°C	b c	Coloured synthetic and mixed fabrics. Jetsystem wash at 50°C. 2 cold rinses.
Quickwash Press button 	L 30-60°C	b c	Short Jetsystem wash at 30-60°C. 2 cold water rinses.
Woollens 	H 40°C	b c	Machine washable woollen and wool mixtures with cotton or viscose. Wash in water at 40°C (high level). 3 cold water rinses.
Delicates 	J 40°C	b c	Acrylics, acetates, triacetates and wool mixtures. Wash in water at 40°C (high level). 3 cold water rinses.
Silks	J 30°C	b c	Silks and printed acetate fabrics. Wash in water at 30°C (high level). 3 cold water rinses.

Wash programme	Position of programme selector and thermostat	Dispenser compartment	Wash cycle description
Rinses - Special treatments	M	C	2 cold water rinses (high level), with intake of water mixed with liquid additive such as fabric conditioner.
Short spin	N		Water draining followed by short spin.
Drain only	P		Water draining with a steady drum.

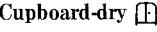
There is no water draining after the last rinse of the gentle cycles. This prevents the clothes from creasing if they are left in the machine at the end of the wash cycle.

The clothes are held suspended in water until you turn the selector dial to **N** when the water will be drained and the clothes will be given a gentle spin. Or, the selector dial can be turned to **P** when the water will be drained away without spinning.

Warning

Do not open the machine door until one of the draining programmes has been completed. If you do there will be a flood.

Delicate drying programmes (0-80 minutes «low»)

Fabric type / Spin speed	Programme	Quantity	Drying time	Iron dry 	Cupboard-dry 
Synthetics (Short spin at 850 rpm)	Q	1.5 Kg (3 lb) 1.0 Kg (2 lb) 0.5 Kg (1 lb)	— — —	65-75 mins 45-55 mins 35-45 mins	

The drying times given in this table are an indication of the average drying times. More specific times can soon be worked out from personal experience of the machine.

Using your machine

Sorting the wash

Sort the clothes and household linen according to fabric, colour fastness and degree of soiling, following the charts from page 16 to 19. **Check with the wash care label sewn to the garment or article; this should have a number in a wash tub symbol which corresponds to the wash temperature shown on the charts.** For example, if your sheets have a label with number  in the wash tub you can choose programme **A**. If the garment has no label, choose the appropriate programme for the fabric. If you are uncertain what fabric this is, always choose one of the gentle wash cycles such as **J** or **H**.

Be cautious with coloured items unless they are labelled colourfast, wash them separately by hand, or use the programme for non-fast coloureds.

With the Jetsystem machine you can divide the wash into the correct care label codes and wash them according to the labels recommendations, confident that you are not being extravagant and that the optimum results are achieved, since the washing machine uses only the amount of water necessary to wash each load.

Similarly, the system allows you to wash individual items since the machine will use only the amount of water necessary to wash that particular item.

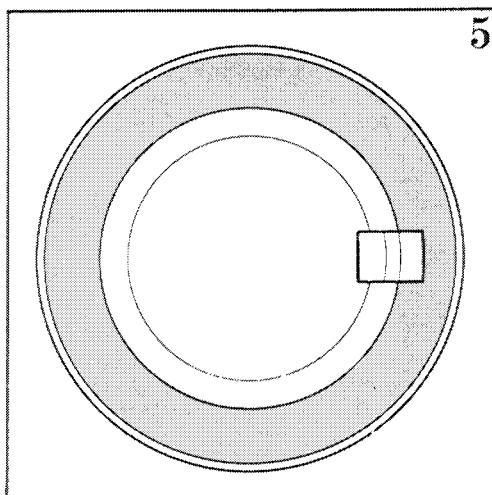
This means that you no longer have to mix wash codes together to ensure that you make the best use of the water being taken into the machine which inevitably

results in some of the wash not being cleaned at the most suitable temperature to ensure the best results.

Loading the clothes

Open the drum loading door by pulling the catch forward (figure 5). Put the sorted articles into the drum one by one, shaking them out first.

Alternate large and small items.



Don't put laundry on the door!

Be sure all pockets are empty, buttons and zips fastened. Avoid washing frayed or torn articles, and treat stains such as paint, ink, rust and grass before washing (see page 29).

Once the machine is loaded close the door firmly. Then put the washing powder and conditioner (if required) into the dispenser.

Choosing the right washing powder

Always use a low lather powder. This is important as too much lather prevents the articles from tumbling freely and being properly cleansed.

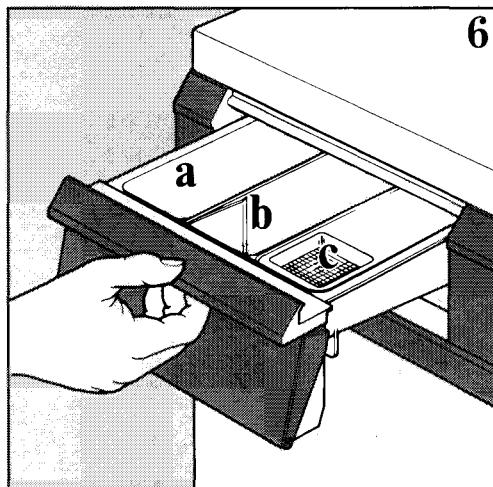
Ariel Automatic is specially designed to complement the cleaning action of the machine.

Filling with washing powder

The washing powder dispenser has three compartments (Figure 6). Compartment «a» is for the pre-wash powder, «b» for the main wash powder, and «c» for fabric conditioner. The same wash powder can be used for the pre and main wash cycles. Pull out the dispenser and add the measured amount of powder.

Once the dispenser is filled, close it by pushing it in gently.

This is particularly important if you are using fabric conditioner because if the drawer is slammed it will cause the conditioner to enter the machine prematurely.



The amount of detergent you should use for your wash depends on a number of factors, how dirty the clothes are, what type of dirt or stains there are to clean, what fabric type the clothes are and how hard your water is. The table below gives you a guideline of how much detergent to use. We recommend you first try these amounts of detergent but remember, if the clothes are very dirty or there are stubborn stains add a bit extra; use less if it is a smaller load; don't be afraid to experiment with different amounts of detergent until you find the best level to give you satisfactory wash results.

Amount of wash powder in grammes Main Wash

Hardness of water	Load - Dry fabric			
	4.5 Kg	3.5 Kg	2.25 Kg	1 Kg
Soft 0 - 7 degrees Clark	85 g	75 g	55 g	40 g
Average 7 - 14 degrees Clark	120 g	110 g	80 g	60 g
Hard 14 - 21 degrees Clark	165 g	145 g	110 g	75 g
Very hard Over 21 degrees Clark	180 g	160 g	120 g	80 g

For information regarding the degrees of hardness of water in your area, ask the local Water Authority.

If you use a pre-wash or soak programme an half measure of washing powder should be placed in compartment «a».

For only lightly soiled loads, the amount of washing powder or detergent should be reduced accordingly.

To assist in dosing, a marked measuring cup in 10g graduations, with a total capacity of 100g is supplied with the machine.

Liquid detergents

To allow use of liquid detergents, instead of powder, special dispensers are available. Check the instructions on the container to see if this is required.

These accessories can be purchased from your local Zanussi Service Centre.

Using fabric conditioners

When you want to use a conditioner, put the measured amount (follow manufacturer's instructions) into compartment «c» in the washing powder dispenser at the same time as you put in the washing powder. **Be careful not to fill the compartment above the level of the filter.** The conditioner will be automatically used by the machine at the appropriate time. Remember to close the drawer (Figure 6) gently.

To start the machine

Check that:

- the appliance is plugged into the wall socket and the mains switch is turned on
- the door is properly closed
- the water tap is turned on

Select the programme required by pushing in the central grip and turning the programme selector dial clockwise so that the required letter is lined up with the red pointer. Select any options such as Quickwash if appropriate and the required spin speed. Set the drying times if you are using the autodry programme. Next set the temperature control to the required temperature, and the machine will automatically start. When the programme has finished, a white bar will be lined up with the red pointer.

The Operation Indicator Light will light up, and after that the machine will automatically perform all of the selected operations.

If necessary, you can stop the machine at any point during the programme by simply pressing and turning the temperature control dial to the OFF position; in this case, wait 1 - 2 minutes before opening the door to allow time for automatic disconnection of the electrical door lock.

Unloading the clothes

At the end of the programme press and turn the Temperature Control Dial to the OFF-position.

You can then open the door and unload the machine. **If you have been using a gentle wash cycle do not forget to set the machine to drain the water (programme N or P).**

Additional Programmes

Spin only

This programme can be used to remove water from hand washed articles or any laundry which may have got wet but does not need washing. For example, washing left on the line during a rainstorm. See pages 15 and 17.

Special treatments

If you want to treat an article with fabric conditioner without washing it first, you can do this on either programme C or M.

The wash symbols

The familiar wash code symbols which are found on the care labels in most clothes will gradually disappear and a new set of codes will be introduced. This change is due to changes in fabrics and detergents

and because people are tending to use fewer wash programmes and mix fabrics in one load. The change will bring the codes into line with the labelling used in the rest of Europe.

Old Symbol	New Symbol	Wash Action	Fabric
		Normal (Maximum)	White Cotton or Linen without Special Finishes.
		Normal (Maximum)	Cotton, Linen or Viscose without Special Finishes Colourfast at 60 °C.
		No longer used. White Nylon, Polyester/Cotton mixtures now included in	
		Reduced (Medium)	Nylon, Polyester/Cotton, Viscose with Special Finishes: Cotton/Acrylic Mix.
		Normal (Maximum)	Cotton, Linen or Viscose Colourfast at 40 °C but not 60 °C.
		Reduced (Medium)	Acrylics, Acetate, Triacetate, Wool mixes, Polyester/wool blends.
		Much Reduced (Minimum)	Wool, wool mixes. Silks.
		No longer used. Silk now included in ; printed acetate included in .	
		No longer used.	

The new symbols have been used on the Programme Guide of this machine, and are listed, with reference to the old symbols, in the Programme Charts on pages 14 and 17. The new wash symbols will also appear on the side of Washing Powder packets.

Looking after your machine

Important

Make sure that the machine is unplugged and that the water taps turned off before undertaking any kind of maintenance.

General care and cleaning

Wipe round the rubber door seal to remove the water which collects in it.

From time to time clean plated, polished and plastic parts and the glass porthole door with a soft damp cloth. Never use abrasive powders.

Wipe over the exterior cabinet with a lukewarm solution of mild liquid cleaner, rinse and dry thoroughly. From time to time, apply a little wax furniture cream with a soft cloth.

Cleaning the drain filter

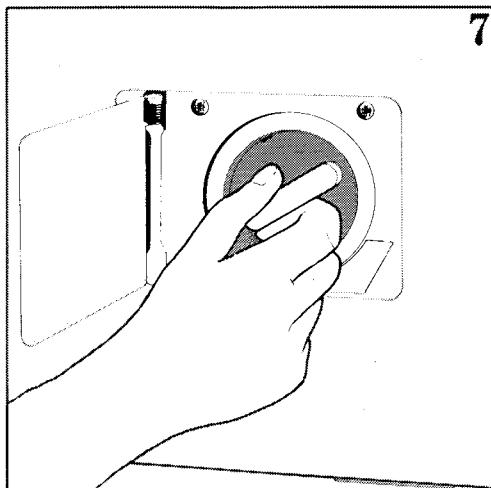
The drain filter should be inspected after each wash.

Unscrew and pull out the filter

Remove any object or fluff and replace the filter (figure 7-8).

Cleaning inlet filter

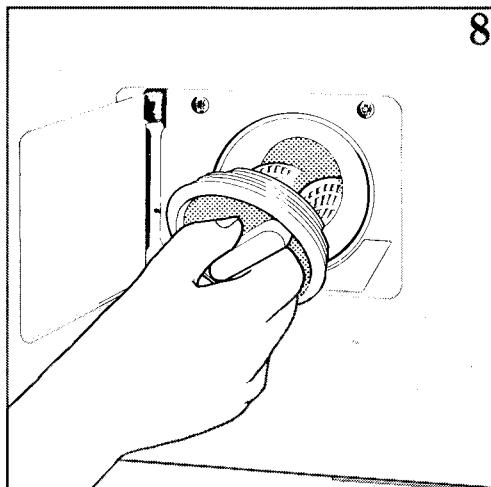
This is situated at the back of the machine and should be inspected from time to time. Turn off the water tap. Unscrew the hose and remove the mesh filter lodged just inside the hose. Run it under a fast running tap to remove any sediment. Replace the mesh filter and the hose firmly.



Cleaning the washing powder dispenser

Wipe it out after every wash.

From time to time it will need more thorough cleaning to clear out all the deposit. Remove the drawer completely with a sharp pull outwards. When you replace it, if you find that it doesn't slide right in again give it a sharp tap with the palm of your hand.



Helpful tips for successful washing

Here are some practical hints to help you get the best washing results.

Don't overload the machine. The clothes will not move around freely and the washing powder may not dissolve properly.

Always use a low lather washing powder specially made for front loading machines. Excessive foaming gives an unsatisfactory wash and may even harm the machine. The quantity of washing powder required depends on the amount of laundry and how soiled it is.

It may therefore be necessary to vary the quantities suggested on page 20. You will be able to tell if you need to do this when you are used to the machine.

Don't put washing powder into the dispenser until just before starting the programme. If the powder is left for any length of time in the dispenser it may form lumps which are difficult to dissolve.

For best results do not wash more than 1 Kg (2lb) of woollen articles at any time.

Wash only woollen articles marked «machine washable».

For best results do not wash more than 1.5-2Kg (3-5lb) of synthetic fabrics in one load. Synthetic fabrics need plenty of room to move around or they tend to crease.

Clothes should be sorted according to the fabric - colour fastness and degree of soiling (see page 18).

Mend open seams and tears before washing.

Close zips, and secure buttons. Collect laces, washable belts, socks etc., and put them in a bag for washing. Empty pockets (This is important as should a coin become lodged between the tub and drum it can cause extensive damage).

Remove spots of rust, paint, ink and grass stains before washing (see instructions page 29).

Don't wash light coloured fabrics with dark ones. One may leave specks of fluff on the other.

Don't risk washing coloured articles unless you are sure they are colourfast. It's worth hand washing the article to find out.

If you live in a hard water district, you can add water softening powder to the washing machine in compartment «b». For the quantity of water softener to use, see packet directions.

How to wash

Nappies

Leave the soiled nappies soaking in a solution of proprietary nappy cleaner. When there are sufficient for a wash, drain off the water and rinse by hand in cold water (this is advisable as some nappy cleansers have an adverse effect on the rubber door seal), then transfer the nappies to the washing machine. Set the selector dial to programme **D** (fast spin) to remove excess solution. Then wash the nappies on programme **A** (whites). Dry and air them thoroughly.

Blankets

Only wash blankets which are labelled as suitable for machine washing. Use wash programme **H** (woollens) followed by programme **N** (drain and spin) which will remove the excess water and leave the blanket ready to tumble dry or hang out on a line.

Curtains

Check that the fabric is washable. Remove all the curtain hooks and if the heading is drawn up by means of a curtain tape, release the strings to allow the fabric to spread flat. Weigh the curtains and decide if you can wash them in one or more loads. Select the correct programme for the fabric. If the curtains have not been washed for some time they may be dusty, in which case it is a good idea to rinse them on programme **C** or **M** according to the fabric. After draining start the suitable wash programme.

Dyeing

You can dye fabrics successfully in the machine but it is essential to buy a good proprietary dye and to read the manufacturer's instructions carefully. Make sure that the fabric is suitable. The dye instructions will guide you on this point. Then wash the article to make sure it is thoroughly clean, using a suitable programme according to the fabric. Then follow the instructions for machine dyeing.

Immediately after you have removed the dyed material from the machine, set it to a 40 °C programme to clean all traces of dye from the machine. It is not absolutely necessary to add washing powder to the dispenser for this, however you can add it if you prefer.

Stain removal:

Some stains will not be removed in the wash. It is wise to treat them before laundering.

The following are simple but effective treatments to use on any washable fabric. Treat the stain as soon as possible and launder afterwards to remove any residual stain.

Ballpoint and felt-tip ink:

Dab with methylated spirit on cotton, wool (not on acetate or triacetate fabric).

Fountain pen ink:

Sponge with cold water to flush out as much ink as possible, or hold the fabric under running cold water. Launder and treat any remaining stains with lemon juice.

Grass stains:

Dab with methylated spirit (not on acetate or triacetate). Rinse in clear water.

Oil:

If heavy stains from cycle chain or car oil do not come out in the wash, treat them with a proprietary grease solvent.

Paint: Emulsion

Sponge immediately with cold water and then launder. If the stain has dried, soften it with methylated spirit or a proprietary paint brush cleaner. (Test an inconspicuous corner of the fabric first).

Gloss:

Dab with methylated spirit or proprietary paint brush cleaner. (Test fabric first).

Rust (iron mould):

Rub with lemon juice and then sprinkle salt over the stain and leave for an hour. If subsequent washing does not remove the stain, use a proprietary rust cleaner following manufacturer's directions.

Servicing

If, having followed these instructions carefully, your machine fails to work properly, contact your local Zanussi Service Network, giving the full model number and date of purchase if the appliance is under guarantee.

Details of your local Zanussi Network Service Centre can be found by looking in the White Pages phone book under Zanussi.

Before you do that, though, it is worth making a few simple checks yourself.

If the machine won't start...

Ensure that the thermostat dial is not in the «0» position.

Make sure that the door of the machine is firmly shut.

Make sure that the appliance is properly plugged in and that the socket switch (if any) is in the «on» position.

Check that there is power at the socket by plugging in an appliance you know to be working - a small lamp for example. If this too fails to work, check the main circuit fuses in your home's consumer unit or main fuse box.

If the machine won't fill...

Make sure that the supply hose is not kinked

Make sure that the water tap is turned on. Check that there is sufficient water pressure. A way to check this is to place a two gallon bucket under the water feed pipe to the appliance and turn on the tap. The bucket should fill in about one minute.

If the machine won't drain or spin...

Unhook the drain hose from the drain pipe or sink and hold the hose over a bowl on the floor. The water should drain by

gravity into the bowl. If the bowl is full, hook the hose back up and empty the bowl. Repeat the procedure until the water has drained from the machine.

Then check that the drain filter in the machine is not clogged.

If the machine empties as it fills...

Make sure that the end of the drain hose is not less than 50cm (20") above floor level.

If the machine vibrates badly, or is too noisy...

Check that the machine is absolutely level.

Check that there is sufficient clearance between the machine and wall, furniture etc.

Check that all the internal packing, plastic spacers and transit security bolts have been removed as described at the start of these instructions.

If the machine does not dry:

Check that:

the drying programme has been correctly selected;

the cold-water tap is open;

the drainage filter is not clogged;

the laundry load does not exceed the maximum weight (2.25 Kg - 5 lb max. for cotton; 1.5 Kg - 3 lb max. for synthetics); the programmed drying time is adequate to the purpose.

**IN-GUARANTEE CUSTOMERS
SHOULD ENSURE THAT THE
ABOVE CHECKS HAVE BEEN
MADE AS THE ENGINEER WILL
MAKE A CHARGE IF THE FAULT
IS NOT A MECHANICAL OR
ELECTRICAL BREAKDOWN.**

*** Please note that proof of purchase is required for any in-guarantee service calls.**

Peace of mind for twelve months

ZANUSSI STANDARD GUARANTEE CONDITIONS

This guarantee is in addition to your statutory and other legal rights which will not be excluded or in any way diminished by the return of this guarantee card.

We, ZANUSSI Ltd, undertake that if, within twelve months of the date of the purchase, this ZANUSSI appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option, repair or replace the same **FREE OF ANY CHARGE** for labour, materials or carriage on condition that:

The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.

The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's operating and maintenance instructions.

The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.

The appliance is still in the possession of the original purchaser.

All service work under this guarantee must be undertaken by a Zanussi Network Service Centre.

Any appliance or defective part replaced shall become our property.

Exclusions

Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.

Costs incurred for calls to put right machines improperly installed or calls to machines outside the UK and the Republic of Ireland.

Appliances found to be in use within a commercial environment, plus those which are the subject of rental agreements.

or five years

ZANUSSI 5 YEAR COVER CONDITIONS

For a once-only payment you can extend your Standard Guarantee to 5 years. All the conditions and exclusions of the Standard Guarantee apply.

Notes

1. Products supplied as «seconds», refurbished, damaged or shop-soiled are not eligible for Zanussi 5 Year Cover.
2. The issue of a cover does NOT by virtue of our having done so, nullify the exclusions.

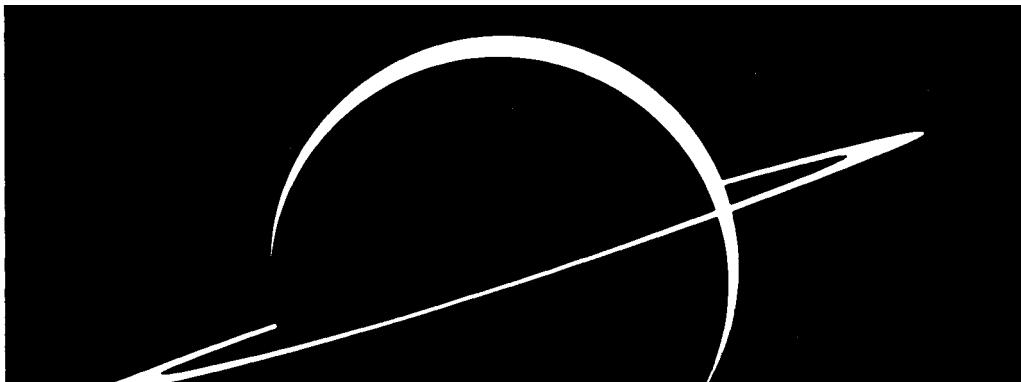
3. The Engineer will need to check the details of your Cover card and may make a charge for his services if it is not presented to him at the time of his call.
4. The date of purchase, or the date of initial payment (deposit) of the appliance will be deemed the date of commencement of cover.
5. Covers issued are not refundable or transferable.

Guarantee Record

Appliance purchased from _____ on _____

Guarantee card no _____ Model no _____

Serial no _____ (These details may be taken from your Guarantee Record Card)



ZANUSSI

The appliance of science

ZANUSSI Ltd., Zanussi House, Newbury.

The information in this manual is correct at time of going to press.
Zanussi reserve the right to alter specifications without notice.